

Magnetic poles

- There are two Magnetic Poles.
- There is the South and North.
- If the north and south were brought together they would attract.
- If the two poles are the same they would repel.

Ferromagnetic material

- Ferromagnetic material is material that attracts to a magnet.
- Examples of ferromagnetic material is, nickel, iron and cobalt.
- Ferromagnetic material is sometimes a mix of different rocks or other materials.

Domains

- Domains are a cluster of atoms all facing one way.
- If they are all facing one way then they will create a temporary magnet.

Magnet facts

- The magnetic poles are constantly moving around the earth.
- A magnet will always point to magnetic north.

Aurora Borealis

- The aurora borealis is created when a charged particle from the sun hits earth's magnetic field.
- The magnetic field around earth protects most of it causing the lights.
- The aurora borealis is also called the northern lights.

Magnetic fields

- A magnetic field is the barrier around a magnet that repels against things with the same pole or attracts opposite poles.
- A magnetic field is created when electrons spin around the atoms inside the magnet.